



**GEORGIA
DEPARTMENT OF
TRANSPORTATION**

**OFFICE OF DESIGN POLICY & SUPPORT
STATEWIDE LOCATION BUREAU**

SURVEY CONTROL PACKET

VERSION NO: 1 **DATE:** 12-11-2013

LOCATION JOB NUMBER: District 3

PROJECT NUMBER: Not noted

P.I. NUMBER: 0009975

DESCRIPTION: I-85 at SR 18

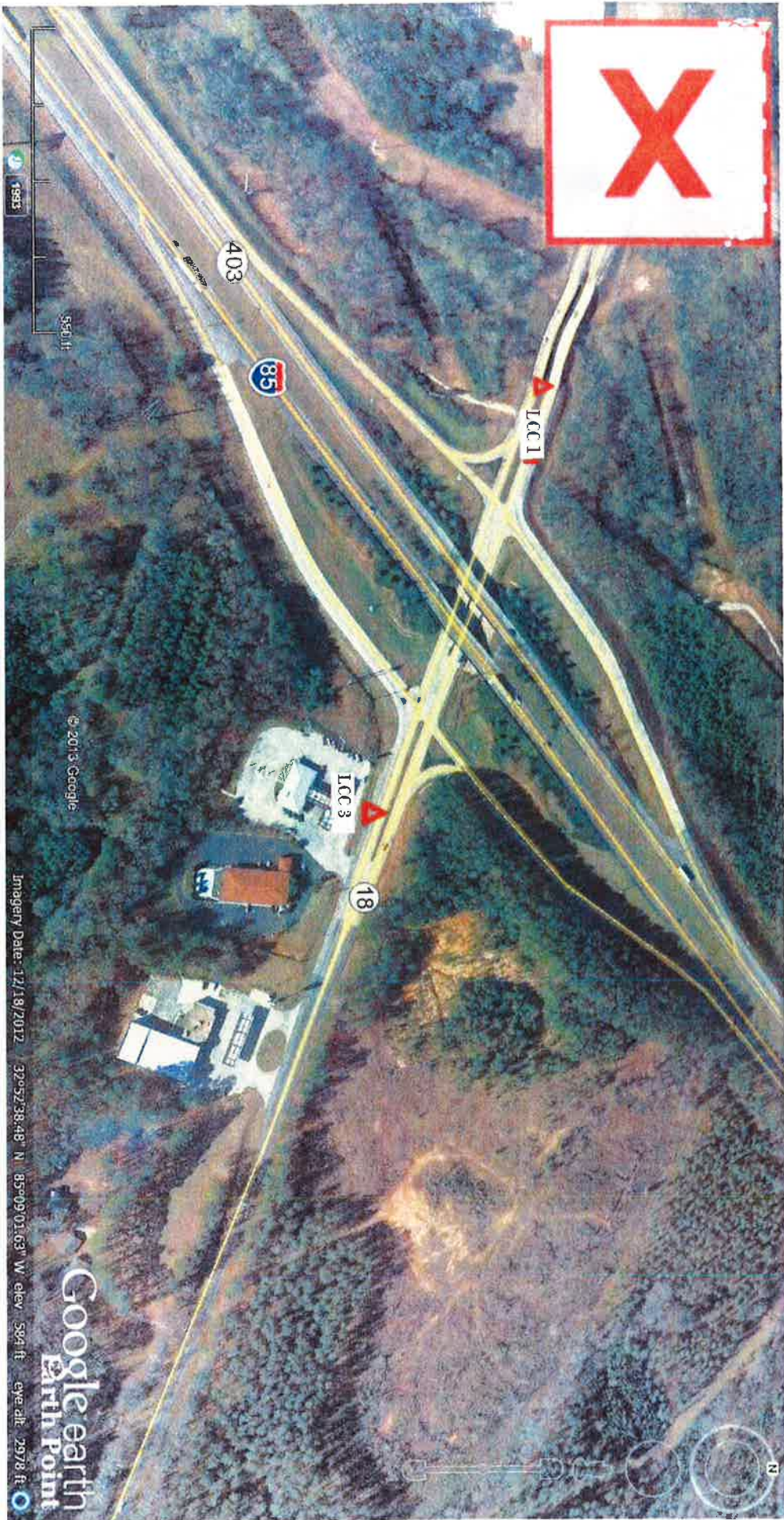
NOTE: Roundabout

**Horizontal Datum= NAD83(94)
Vertical Datum= NAVD88**

UNITS OF MEASURE = FEET

LENGTH: 0.3 mile

COUNTY: TROUP



Imagery Date: 12/18/2012 32°52'38.48" N 85°09'01.63" W elev: 584 ft eye alt: 2978 ft

**OFFICE OF DESIGN POLICY & SUPPORT
STATEWIDE LOCATION BUREAU
SURVEY CONTROL**

**3993 AVIATION CIRCLE ATLANTA, GA. 30336
PHONE: 404-699-4472 FAX: 404-699-4474**

SLB JOB NUMBER: District 3

PROJECT NUMBER: Not noted on Preconstruction Status Report

PI. NUMBER: 0009975

LENGTH: 0.3 mile

DATE: 12-11-2013

COUNTY: Troup

DESCRIPTION: I-85 at SR18

Note: Safety project; proposed Roundabout

ZONE: SPC GEORGIA WEST

HORIZONTAL DATUM: NAD83(94)

VERTICAL DATUM: NAVD88

UNIT OF MEASUREMENT: US SURVEY FEET

NOTE: LCC 3 was set to replace LCC 2 which had originally been set on PI# 0003787.
"LCC 2" was suspected to be destroyed by construction, and is non-existent.

GRID FACTOR: 0.999976714875

I#	NORTH	EAST	ELEV.	DESC
1	1,048,395.277	1,993,720.229	583.125	LCC 1
3	1,047,926.538	1,994,665.251	587.165	LCC 3

GEORGIA DEPARTMENT OF TRANSPORTATION

OFFICE OF ENVIRONMENT / LOCATION HORIZONTAL CONTROL DELTA

STATION NAME: LCC 1

JOB NUMBER: DISTRICT 3 COUNTY: TROUP STATE PLANE ZONE: WEST

DESCRIBED BY: T. RYAN DATE: 5/19/2003 UNITS OF MEASURE: FEET

HORIZONTAL DATUM: NAD83(94)

VERTICAL DATUM: NAVD88

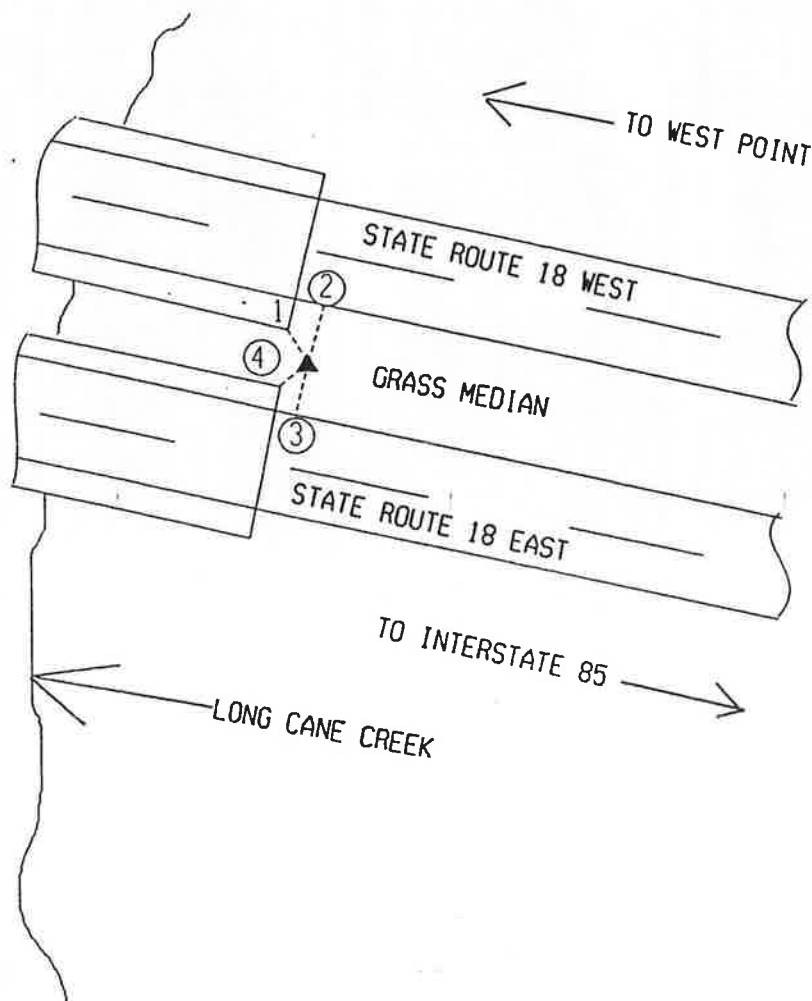
NORTHING (Y): 1048395.2768 EASTING (X): 1993720.2288 ELEVATION: 583.125

TO REACH DESCRIPTION:

LCC 1 IS A 3/4 X 30" IRON PIN SET 4" BELOW GROUND LEVEL. IT IS LOCATED IN THE MEDIAN OF STATE ROUTE 18 AT THE EAST END OF THE BRIDGE OVER LONG CANE CREEK. THIS LOCATION IS ABOUT 0.125 MILE WEST OF THE STATE ROUTE 18 / INTERSTATE 85 INTERCHANGE.

FOUND IN GOOD CONDITION IN DECEMBER 2013 ; USED AS A CONTROL POINT.

SKETCH:



SKETCH OF DISTANCES & DESCRIPTIONS:

- ① 5.4 FEET S.E. OF BRIDGE END.
- ② 10.1 FEET SOUTH OF YELLOW LINE.
- ③ 10.9 FEET NORTH OF YELLOW LINE.
- ④ 5.1 FEET N.E. OF END OF BRIDGE.

VISIBLE FROM GROUND TO: LCC 3 VISIBLE FROM GROUND TO: _____



LCC 3 IS A 3/4" DIAMETER IRON PIN SET +/- 0.4 FOOT BELOW GROUND. STATION IS LOCATED ON THE SOUTH SIDE OF SR18, APPROXIMATELY 0.10 MILE EAST-SOUTHEAST OF THE I-65 OVERPASS.

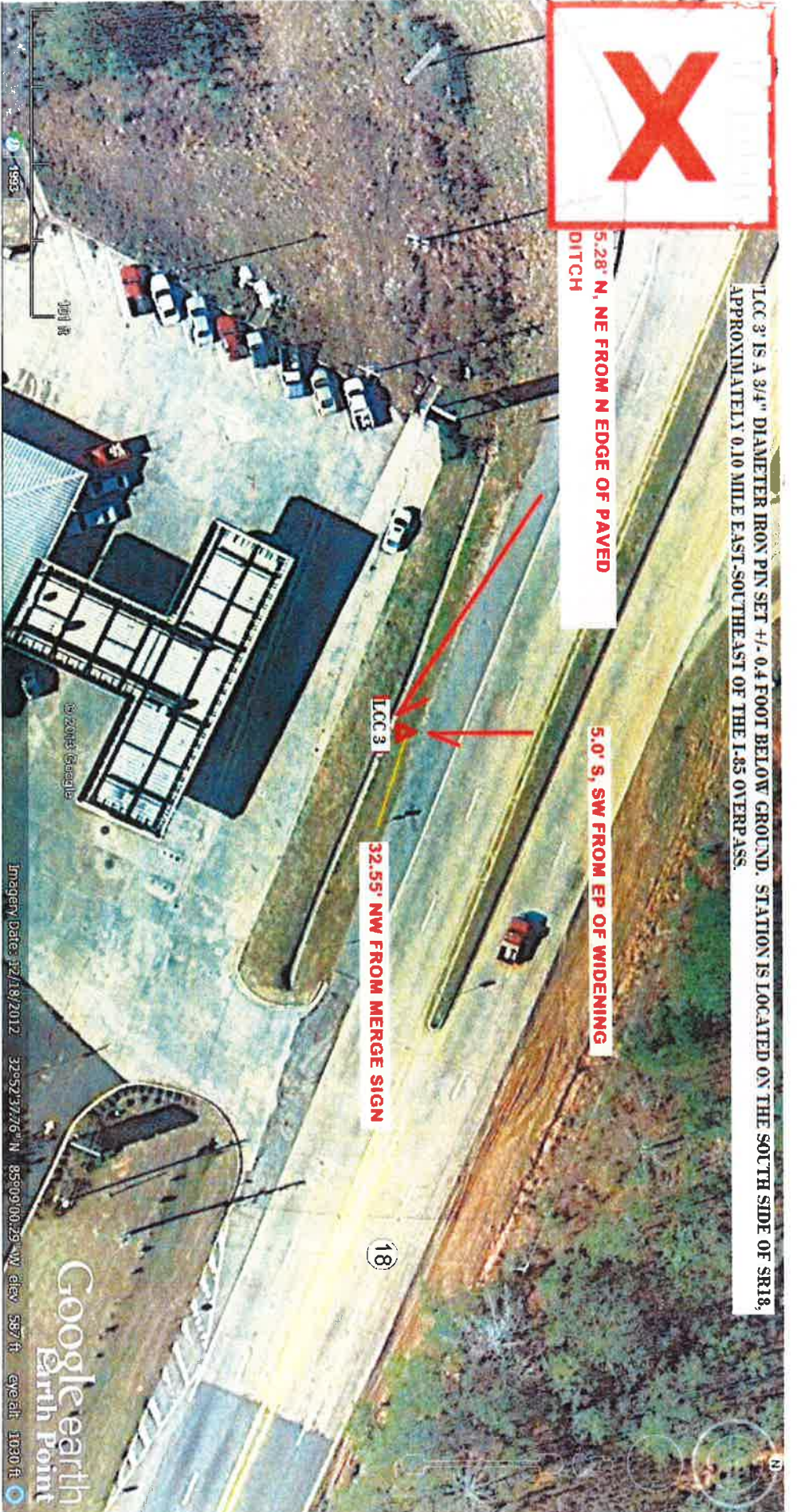
5.28' N, NE FROM N EDGE OF PAVED DITCH

5.0' S, SW FROM EP OF WIDENING

LCC 3

32.55' NW FROM MERGE SIGN

18



Imagery Date: 12/18/2012 32°52'37.76"N 85°09'00.29"W Elev: 587 ft Gyealt 1030 ft

Google earth
Earth Point

OFFICE OF DESIGN POLICY & SUPPORT
STATEWIDE LOCATION BUREAU (SLB)
SURVEY CONTROL
3993 AVIATION CIRCLE ATLANTA, GA. 30336
PHONE: 404-699-4472 FAX: 404-699-4474

VERTICAL BENCHMARK CONTROL

SLB JOB #: DISTRICT 3

PROJECT NUMBER: Not noted on Preconstruction Status Report

P.I. NUMBER: 0009975

LENGTH: 0.3 mile

DATE: December 19, 2013

COUNTY: Troup

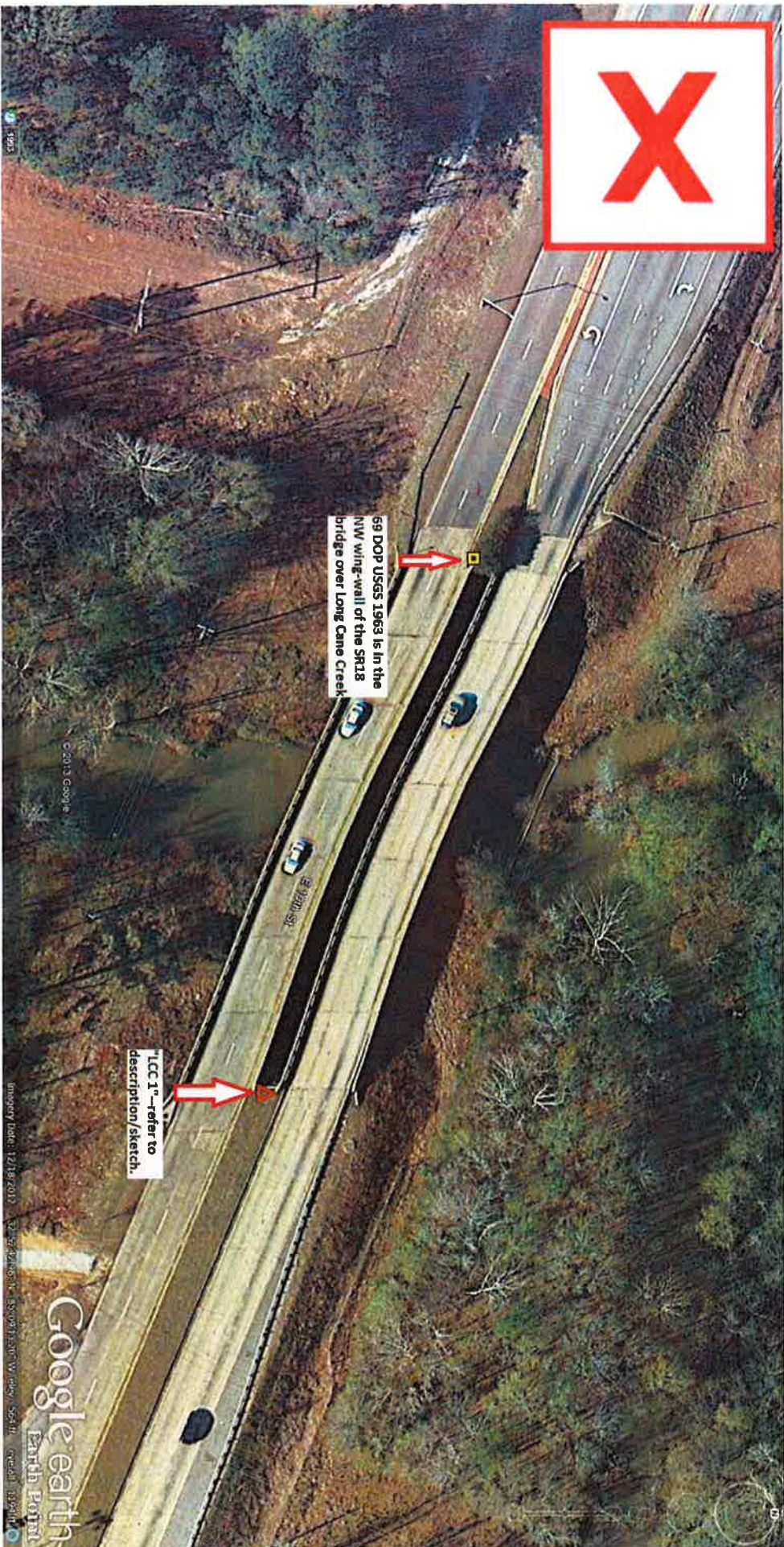
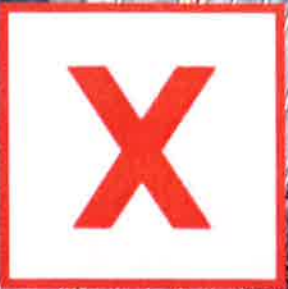
DESCRIPTION: I-85 @ State Route 18

NOTES: Safety project--Roundabout

VERTICAL DATUM: NAVD88

UNIT OF MEASUREMENT: US SURVEY FEET

<u>POINT</u>	<u>ELEVATION</u>
69 DOP USGS	585.035
BV 141-27 RESET	583.255



69 DOP USGS 1963 is in the NW wing-wall of the SR18 bridge over Long Cane Creek

"LCC 1" - refer to description/sketch.

West Point, 2.1 mi E. of, along State Highway 18; 22 ft N. of, and
about 1 ft higher than centerline of rd.; in top of W. wingwall of
bridge over Long Cane Creek; standard tablet stamped "69 DOP 1963 585"

NAVD
88 = 585.035
FEET



DEPARTMENT OF TRANSPORTATION
OFFICE OF SURVEYS AND AERIAL MAPPING
TRAVERSE CONTROL STATION
RECORD OF LOCATION

QUAD NO. 3CUB0111

PROJECT NO. PI# 0009975 COUNTY TRUMP JOB NO. N/A NAME OF STATION BV 141-27 Reset

RECOVERED BY: DISTRICT 3 SURVEYS DATE 3-80 GEORGIA STATE SYSTEM OF PLANE COORDINATES WEST ZONE

HORIZONTAL CONTROL: N/A DECEMBER 2013 (ORDER ACCURACY N/A N. A. DATUM)

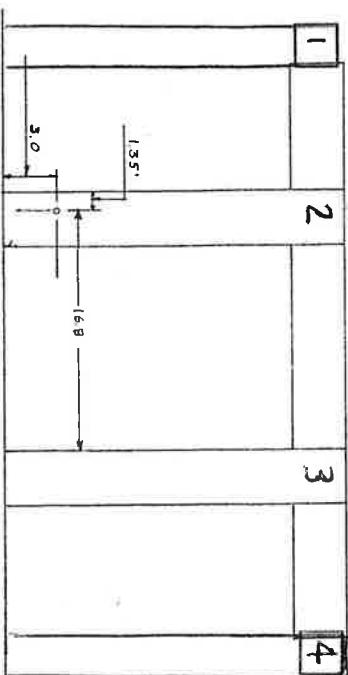
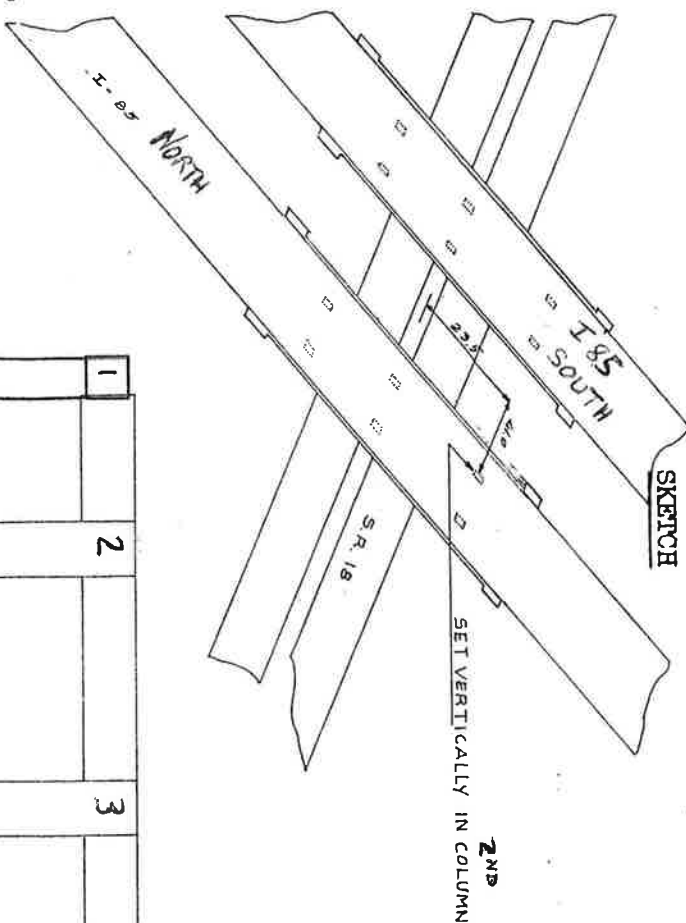
VERTICAL CONTROL 69 DOP 1963 USGS 3rd (ORDER ACCURACY NAV D 88 G. A. DATUM)

The benchmark was found in good condition on December 16, 2013.

The Benchmark is a standard GDOT brass disk,
set vertically in one of four bridge columns* on the north side of
State Route 18 westbound supporting the I-85 northbound bridge.
The benchmark is stamped BV 141-27.

*Note: BM is set vertically in the second bridge column
east of the median of I-85 on the north side of State Route 18.

BV 141-27 original distances and update references:
about 41 feet ESE of the I-85 median, measured parallel with SR18;
23.5 feet northeast of the center of SR18 westbound;
3 feet above the base of the bridge column;
1.3 feet east-southeast of the western corner of the bridge column, and
16.8 feet west-northwest of the western corner of the 3rd bridge column,
east-southeast of I-85 median.



NAV D 88 ELEVATION= 583.255 FEET